



ADDENDA

**ANSI/ASHRAE Addendum i to
ANSI/ASHRAE Standard 15-2024**

Safety Standard for Refrigeration Systems

Approved by ASHRAE and the American National Standards Institute on April 24, 2026.

This addendum was approved by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard. Instructions for how to submit a change can be found on the ASHRAE® website (www.ashrae.org/continuous-maintenance).

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ISSN 1041-2336



ASHRAE Standing Standard Project Committee 15

Cognizant TCs: 10.1, Custom Engineered Refrigeration Systems; and 9.1, Large Building Air-Conditioning Systems

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FOREWORD

Addendum i makes several improvements and clarifications. Section 5 has been updated to clarify the zoning damper opening time following an output signal from a leak detector. Field piping requirements in Section 8 have been updated to harmonize those requirements with those of ANSI/ASHRAE Standard 15; this addendum also clarifies how to ensure reused piping is properly protected. The committee sees no reason for Standard 15.2 to be more restrictive on piping location requirements than Standard 15; therefore, the restriction on piping inside an air duct or return air plenum has been removed. Additionally, the requirement that when in the airstream the piping must be leak free when at elevated temperatures has been added. Section 10 has been updated to clarify how to check if piping can be reused.

Informative Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striking through~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum i to Standard 15.2-2024

Modify Section 5.3.4 as follows. The remainder of Section 5.3.4 remains unchanged.

5.3.4 Mitigation Action Requirements. When a leak detection system provides an output signal, the following mitigation actions shall occur within 15 seconds:

- a. Energize the air *circulation* fan(s) of the *equipment per manufacturer's installation instructions*.
- b. Initiate the opening of ~~Open~~-zoning dampers installed in the *ductwork* connected to the *refrigeration system*.

[...]

Modify Section 8.5.1.1 as follows. The remainder of Section 8.5.1.1 remains unchanged.

8.5.1.1 Pipe Protection. The exterior of the pipe *shall* be protected from corrosion, degradation, galvanic corrosion, and abrasion. *Refrigerant pipe shall not* be in contact with building materials that can abrade the pipe. *Refrigerant pipe shall* be installed as follows:

[...]

- f. Refrigerant Parts in Air Duct. All field-installed *refrigerant* containing parts, including joints, of a *refrigeration system* located in an air duct carrying *conditioned air* to and from an occupied *space shall* be constructed to withstand a temperature of 700°F (371°C) without leakage into the airstream.

[...]

Modify Section 8.5.1.2 as follows. The remainder of Section 8.5.1.2 remains unchanged.

8.5.1.2 Prohibited Locations. *Refrigerant piping shall not* be installed in any of the following locations:

[...]

- f. ~~Inside an air duct or return air plenum~~

[...]

Modify Section 10.5.4.2 as follows. The remainder of Section 10.5.4.2 remains unchanged.

10.5.4.2 Reused Piping. Reused *piping shall* be exposed for visual inspection and testing prior to being covered or enclosed ~~in compliance with Section 10.5.4.1~~ unless in accordance with all of the following:

- a. *Piping shall* be protected in accordance with Section 8.5.1.1. Verification of the presence of shield plates *shall* be accomplished by one of the following methods:
 1. Determine the *piping* was previously inspected for shield plates through building inspection records.
 2. Use an *approved* tool or visual inspection to verify shield plates are installed.

[...]

POLICY STATEMENT DEFINING ASHRAE'S CONCERN FOR THE ENVIRONMENTAL IMPACT OF ITS ACTIVITIES

ASHRAE is concerned with the impact of its members' activities on both the indoor and outdoor environment. ASHRAE's members will strive to minimize any possible deleterious effect on the indoor and outdoor environment of the systems and components in their responsibility while maximizing the beneficial effects these systems provide, consistent with accepted Standards and the practical state of the art.

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As an ongoing goal, ASHRAE will, through its Standards Committee and extensive Technical Committee structure, continue to generate up-to-date Standards and Guidelines where appropriate and adopt, recommend, and promote those new and revised Standards developed by other responsible organizations.

Through its *Handbook*, appropriate chapters will contain up-to-date Standards and design considerations as the material is systematically revised.

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